

Table S1 Comparison of demographic data and clinic characteristics of patients with severe leptospirosis and mild leptospirosis

Parameter	Mean ± SD			
	Total SL patients (n=25)	Early acute SL patients (n=15)	Total ML patients (n=26)	Early acute ML patients (n=19)
Mean age, years (range)	45 (13-73)	42 (13-73)	40 (12-81)	41 (12-81)
Male:Female	24:1	15:0	22:4	16:3
Mean day of illness on sampling (range)	7 (3-13)	6 (3-7)	5 (2-9)	4 (2-7)
White blood cells $\times 10^6$	10.75 ± 3.84	10.77 ± 4.64	8.36 ± 4.48	8.39 ± 4.10
Neutrophils (%)	74.6 ± 15.7	76.08 ± 16.67	69.48 ± 17.4	69.70 ± 17.01
Lymphocyte (%)	14.8 ± 8.0	11.88 ± 2.95	19.23 ± 11.12	18.5 ± 9.06
Haemoglobin	11.01 ± 1.08*	10.66 ± 1.09	12.49 ± 1.83	12.49 ± 1.96
Packed cell volume	32.03 ± 3.59*	30.59 ± 3.10	39.31 ± 7.91	39.57 ± 8.56
Platelet $\times 10^6$	96.35 ± 75.1	67.61 ± 34.89	141.37 ± 77.96	149.44 ± 81.09
Body temperature	99.61 ± 2.02	98.61 ± 0.44	100.5 ± 2.16	100.56 ± 2.05
Diastolic pressure	114.78 ± 14.33	113.01 ± 11.66	112.68 ± 11.06	112.23 ± 8.47
Systolic Pressure	73.33 ± 9.19	71.56 ± 8.98	73.33 ± 8.65	72.97 ± 8.56
Fever (%)	100.0	100.0	99.6	99.8
Rigors (%)	68.2	60.0	52.2	55.6
Headache (%)	86.4	80.0	60.9	57.9

Myalgia (%)	95.5	100.0	69.6	68.4
Conjunctival suffusion (%)	45.5	46.7	30.4	36.8
Photophobia (%)	0	0	8.7	10.5
Neck stiffness (%)	0	0	4.3	5.3
Muscle tenderness (%)	81.8	86.7	39.1	36.8
Joint pain (%)	86.4	80	56.5	57.9
Chest pain (%)	22.3	26.7	8.7	10.5
Myocarditis (%)	4.5	6.7	0	0
Dyspnoea (%)	27.3	26.7	13.	15.8
Tachycardia (%)	22.7	26.7	8.7	10.5
Acute respiratory distress syndrome (%)	4.5	6.7	0	0
Pulmonary haemorrhage (%)	4.5	6.7	0	0
Breathlessness	36.4	40	13.0	10.5
Jaundice (%)	31.8	20	17.4	21.1
Acute liver failure (%)	4.5	6.7	0	0
Vomiting (%)	45.5	46.7	52.2	52.6
Abdominal pain (%)	27.3	26.7	30.4	31.6
Anorexia (%)	81.8	80.0	52.2	52.6

Gastrointestinal bleeding (%)	13.6	13.3	4.3	0
Acute renal failure (%)	68.2	73.3	0	0
Haematuria (%)	31.8	26.7	13.0	10.5
Oliguria (%)	27.3	33.3	4.3	5.3
Shock (%)	9.1	6.7	0	0
Multiple organ dysfunction syndrome (%)	9.1	13.3	0	0

*Statistically significant (p<0.05)

**Table S2 Comparison of demographic data and cytokine levels between patients received
0-5 doses and >5 doses of antimicrobial agents**

Category	0-5 Doses (n=30)	>5 Doses (n=21)	Total (n=51)
Mean age, years (range)	43 (12-81)	38 (15-55)	41 (12-81)
Male: Female	27:3	19:2	46:5
Mean day of illness on sampling (range)	6 (2-16)	7 (3-15)	6 (2-16)
Mean IL-6 (range)	54.24 (0.00-422.32)	13.01 (0.00-127.93)*	39.40 (0.00-422.32)
Mean IL-8 (range)	34.37 (1.04-165.18)	8.66 (0.00-37.80)*	25.83 (0.00-165.18)
Mean IL-10 (range)	23.16 (0.00-321.00)	1.56 (0.00-15.59)	21.66 (0.00-321.00)

*Statistically significant (p<0.01)